

Design-Based Planning in the New Economy

MARCH 7, 2012



TODAY'S PRESENTERS

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PURDUE ROAD SCHOOL MISSION

In January 1913, W. K. Hatt, head of the School of Civil Engineering issued a call for a Civil Engineering Conference to cover the needs of county surveyors and city engineers. Roads and streets were heavily involved. A similar conference was held in 1914 at which a resolution was passed which called for a provision in the laws of Indiana that there be a yearly **School of Good Roads**. In 1915 the name of the Civil Engineering Conference was changed to the Purdue Road School.

STREETS & ROADWAYS

right of way also **right-of-way** (rtv-w) *n. pl.* **rights of way** or **right of ways** also **rights-of-way** (rts-) or **right-of-ways** (-wz)

1. a. The right to pass over property owned by another party.
1. b. The path or thoroughfare on which such passage is made.
2. The strip of land over which facilities such as highways, railroads, or power lines are built.

TODAY'S OBJECTIVES

What is Urban?

What is Design-Based
Planning?

How to Start
Thinking Differently

Your Responsibility & Tools



What do we mean by “Urban”?

“Then we can see that, at their heart, urban places, regardless of location, scale or density, are those where people have come together to share resources, commerce and a common identity.”

-Tom Gallagher, RATIO blogger

CEOs FOR CITIES DESCRIBES SUCCESS IN THE FUTURE:

the INNOVATIVE city

... fostering entrepreneurship

the CONNECTED city

...linking people with ideas to capital and markets

the TALENTED city

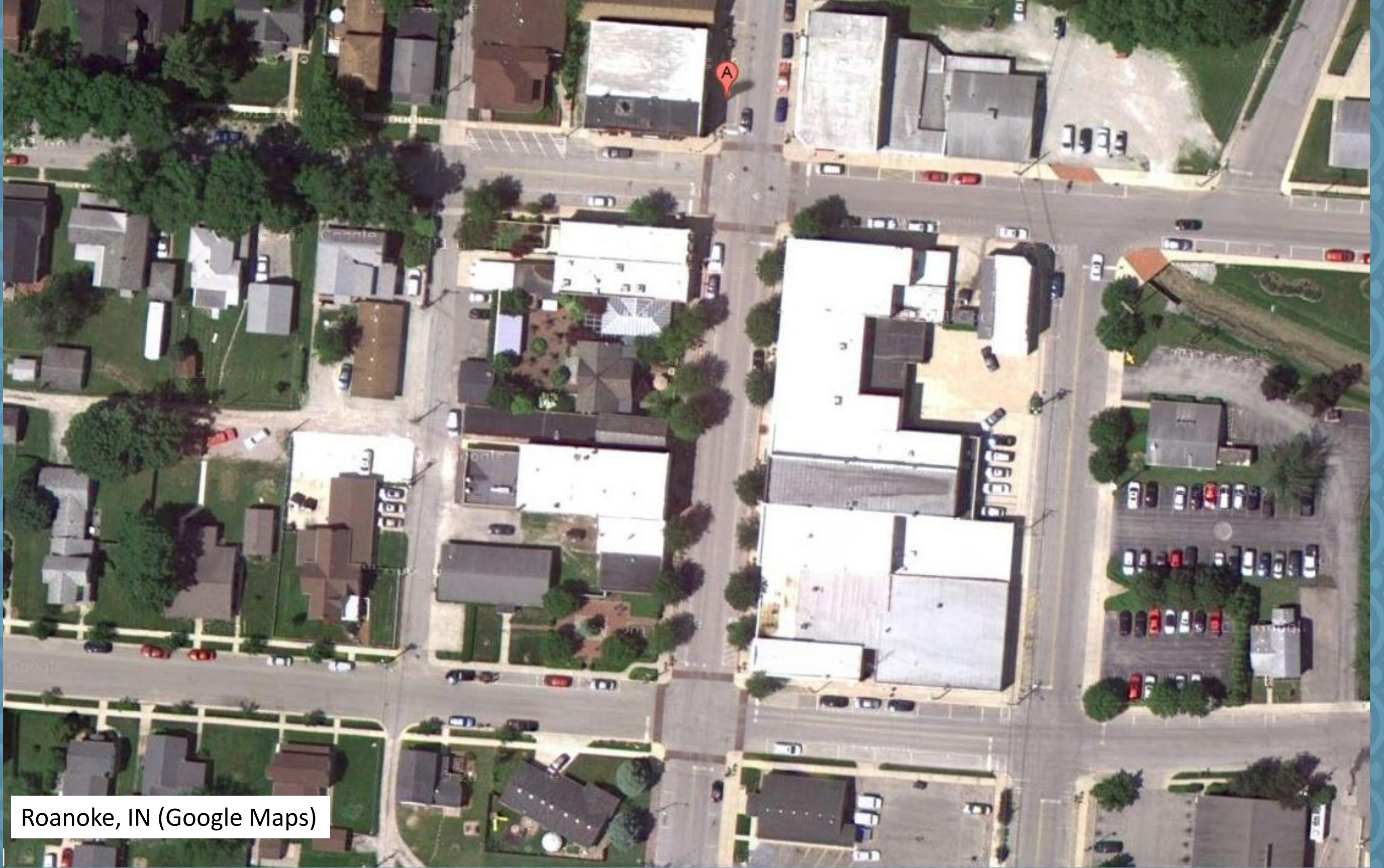
... attracting and retaining talent

the DISTINCTIVE city

... capitalizing on local differences to create opportunities



Indianapolis, IN (Google Maps)



Roanoke, IN (Google Maps)

The James Irvine Foundation

“Research shows that the perception of declining quality of life in the community leads to lower retention of skilled citizens.”

Communities must focus on aesthetics if they want to be attractive and thrive in the New Economy.



Fort Wayne Farmer's Market (www.localharvest.org)

A photograph of a city street scene. On the left, a wide sidewalk paved with red bricks runs alongside a row of buildings. The buildings have a mix of brick and light-colored siding, with some featuring awnings. A black street lamp is mounted on the side of one building. A line of young trees with bright green leaves is planted along the sidewalk, with a black lamppost standing among them. The street is paved with asphalt and has several cars parked or moving. A silver sedan is in the foreground on the right, followed by a red car. Further down the street, more cars and a person on a motorcycle are visible. In the background, taller buildings and a clear blue sky are visible. The entire image is framed by a blue border with a repeating geometric pattern.

Comfortable Streetscape



Solution for a wide street



Roanoke, IN Streetscape



New neighborhood Streets, Carmel, IN



Main Street Corner Park, Roanoke IN



Main Street, Carmel, IN



Indianapolis streetscapes

THE GOOD NEWS:

The 21st Century workforce
is looking for more than just work

WHAT IS DESIGN?

DESIGN
IS
?

LARGE

POTTERY BARN
DYSON

IMPRESSIVE

DESTINATION

COMFORT

CAKE BOSS
POLICY

PEI WEI

WALKABLE

BIKEABLE

PROSPEROUS

FORD

INVESTMENT

REJUVINATE

HISTORIC

CRATE & BARREL

iPhone

CHARMING

PANERA

GOOGLE

CULTURE

DIY TV

SUCCESS
IS
?

RIGHT-SIZING

STABILITY

VITALITY

The background of the image is a repeating pattern of concentric circles in a light blue color, set against a darker blue background. The pattern is dense and covers the entire area.

DESIGN is not just a luxury...

DESIGN is the outward expression of community values

WHAT ARE THE ISSUES ?

(1) ECONOMIC CHANGE

- Post-industrial economy
- Post-family farm economy
- Post-Post Office economy
- Smaller population =
less need for goods and
services

WHAT
ARE THE
ISSUES
?

(2)
POPULATION CHANGE

- Declining number of families
- Increasing number of seniors

WHAT
ARE THE
ISSUES
?

(3)
AGING INFRASTRUCTURE

- Streets and sidewalks
- Building inventory
- Outdated infrastructure –
combined storm and
sanitary systems

HOW TO START THINKING DIFFERENTLY

public infrastructure as public **PLACE**



Ohio Street, Historic Downtown Remington (Allen County Public Library)



Ohio Street, 2012, Downtown Remington, IN



This History of Matthews and New Cumberland (Mitchener/Dearduff)

Matthews around 1912 when businesses lined both sides of the street.



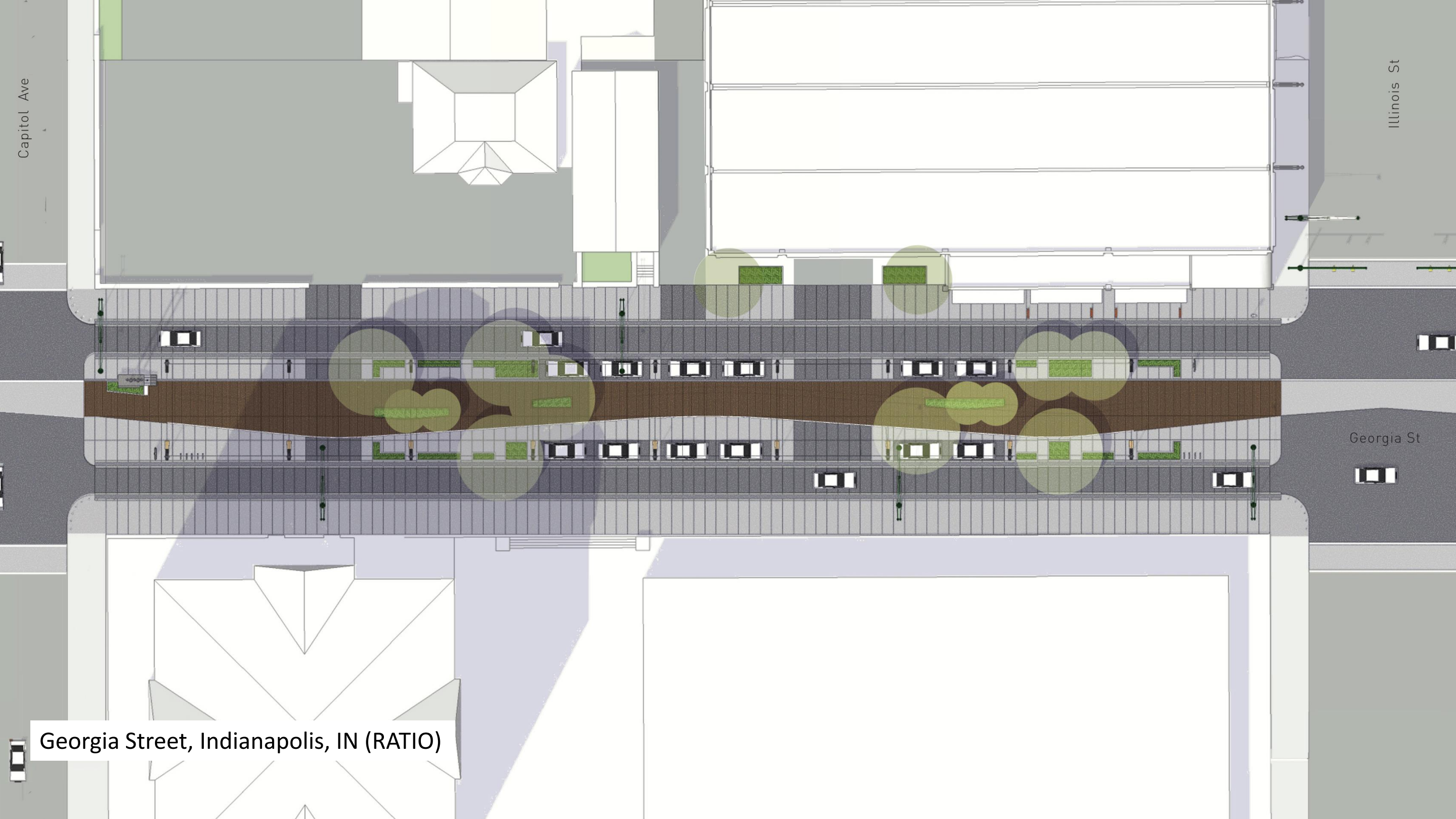
Matthews, IN - 2011



Irvington Neighborhood, Indianapolis, IN (Google Maps)



Diverging Diamond Interchange (www.divergingdiamond.com)



Capitol Ave

Illinois St

Georgia St

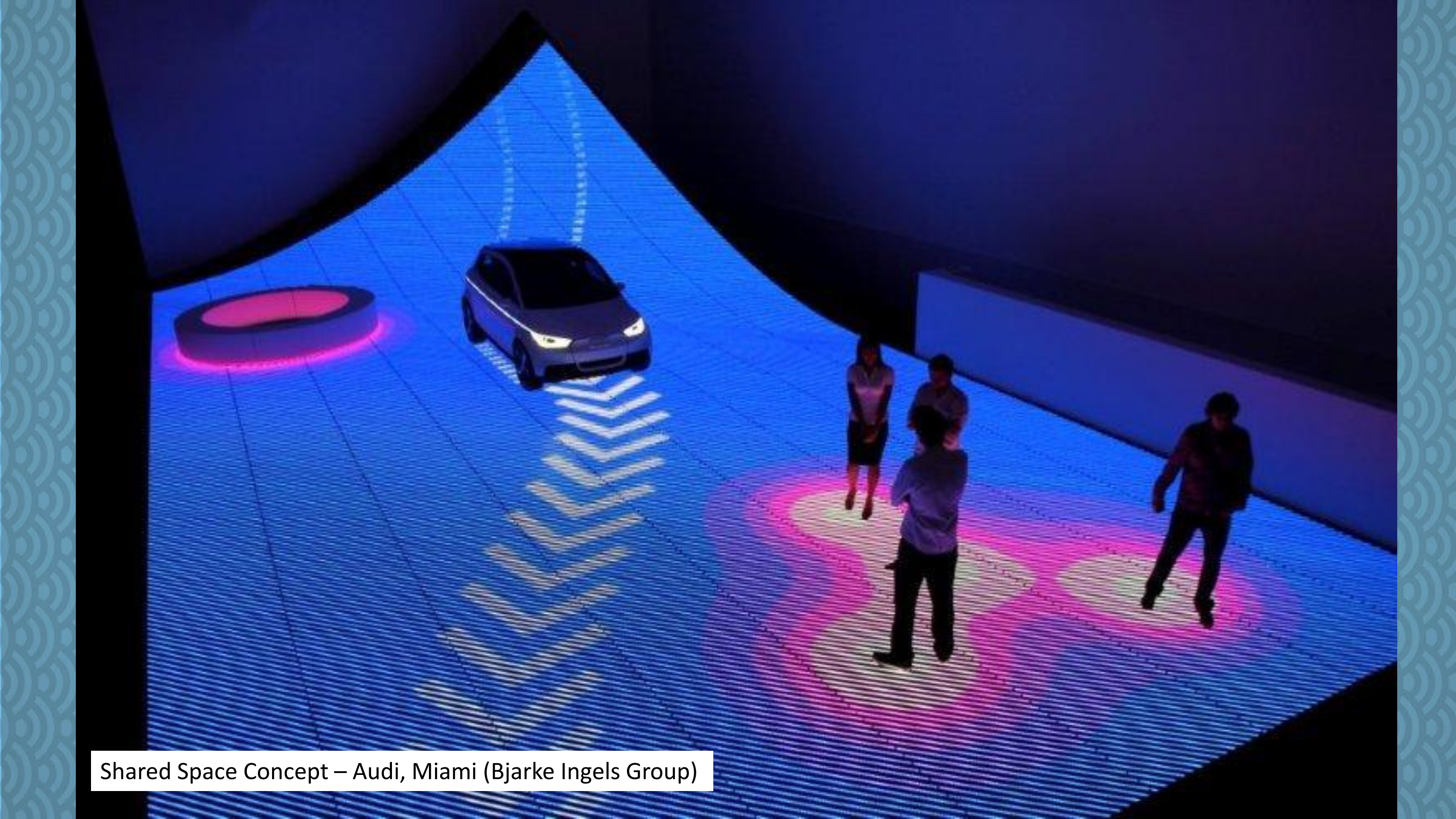
Georgia Street, Indianapolis, IN (RATIO)



Georgia Street, Indianapolis, IN (RATIO)



Georgia Street, Indianapolis, IN (RATIO)



Shared Space Concept – Audi, Miami (Bjarke Ingels Group)

BAD STREET - GOOD STREET



Lack of maintenance





Poor street, sidewalk, signage and parking relationship



Undesirable street edge



Community gateway on street



Milling pavement prior to repaving – a good thing!



Attention to pedestrian details



Good street edge for parking lot



Small town streetscape



Attention paid to alley









DESIGN BASED PLANNING

AUTHENTICITY & LONGEVITY

Plan to create places that are
MEANINGFUL
and stand the test of
TIME

DESIGN BASED PLANNING

BEAUTIFUL & VALUED

Plan to create places that
ENRICH our lives with
JOY and DELIGHT



Landmark water tower, Remington, IN



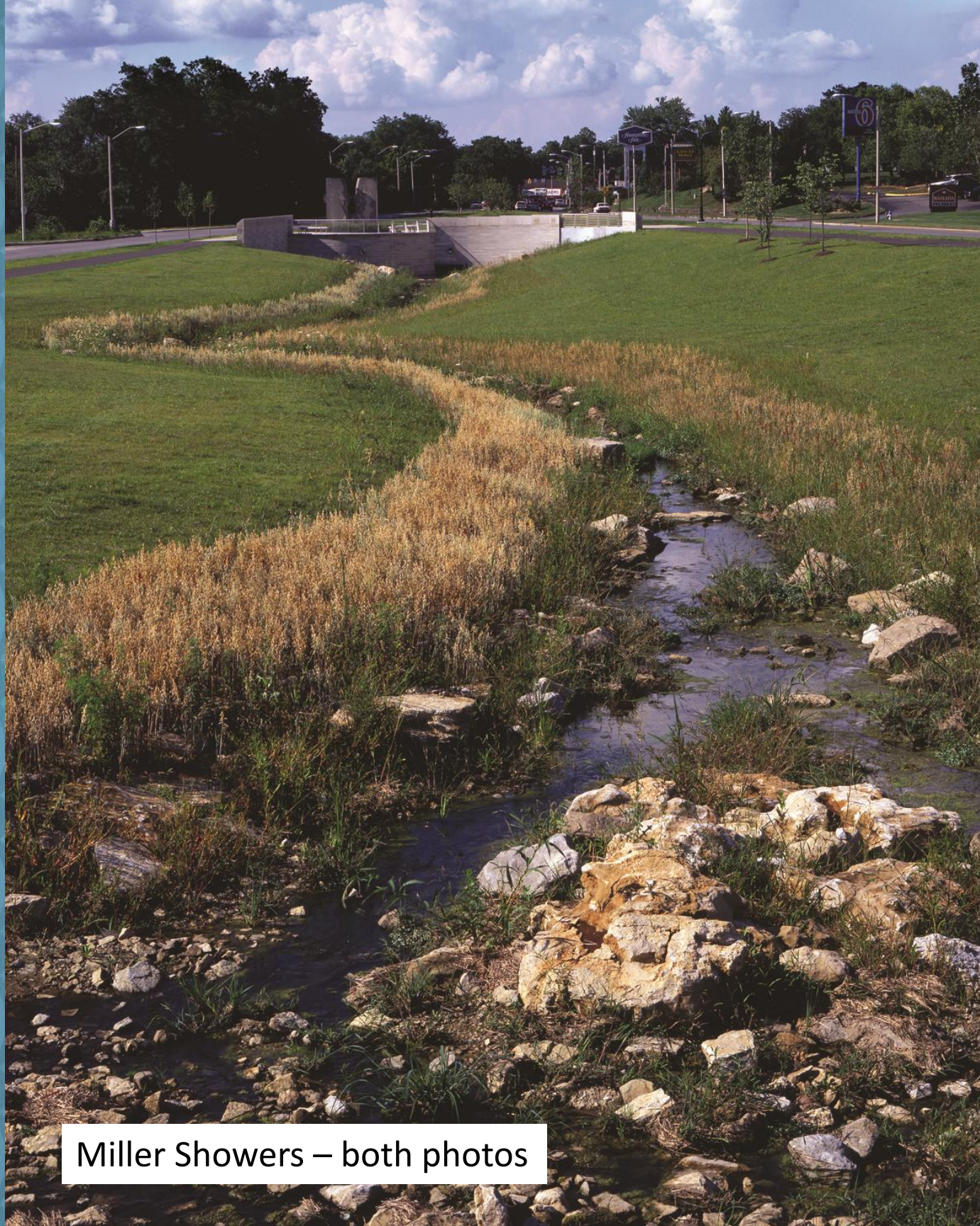
Miller Showers Park, Bloomington, IN (before)



Miller Showers Park, Bloomington, IN (after)



Miller Showers provides context sensitive stormwater solution for 190 acre watershed



Miller Showers – both photos



A photograph of a park area featuring a stormwater management system. In the foreground, a man in a striped shirt and jeans sits on a black metal park bench, reading a book. To his left is another empty bench. Behind the benches is a concrete wall with a metal railing. A sign on the wall reads: "NO FISHING, SWIMMING/DIVING OR SKATEBOARDING IN MILLER-SHOWERS PARK". Behind the wall is a large, lush green area of aquatic plants, which is part of a stormwater management system. In the background, there is a grassy field, a road, and some commercial buildings, including a gas station. The scene is framed by large trees with green leaves.

NO
FISHING,
SWIMMING/DIVING
OR
SKATEBOARDING
IN
MILLER-SHOWERS
PARK

Stormwater solution turned into a park



Stormwater solution for 1 acre commercial site

Why They Work

Here's a look at one of the 50 roundabouts in Carmel, Ind.:

- 1** Cars entering a roundabout must yield to those already in the circle
- 2** With all cars traveling in the same direction, roundabouts eliminate head-on collisions, as well as left turns, one of the most dangerous moves in an intersection
- 3** Because drivers are anxious about merging with roundabout traffic, they slow down, which helps reduce accidents
- 4** With no traffic lights to divert drivers' attention upward, roundabouts keep motorists focused on the cars and pedestrians around them
- 5** In addition to improving traffic flow, roundabouts are often easy on the eye, with elegant landscaping



Roundabout, Carmel, IN (RATIO)



Roundabout, Carmel, IN (RATIO)

capture the embodied **ENERGY**



Plainfield, IN - before



Plainfield, IN - after



Plainfield, IN - before



Plainfield, IN - after



Plainfield, IN - before





Plainfield, IN - after



DESIGN BASED PLANNING

MULTI-FACETED & EFFICIENT

Plan to create places that
LEVERAGE investments and make
the most of limited RESOURCES

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GOSPORT



Main Street, Gosport, IN - before





Main Street, Gosport, IN - after



Main Street, Gosport, IN - before



Main Street, Gosport, IN - after

DESIGN BASED PLANNING

AN INTERVIEW...
the future of GOSPORT

Responsibility

Plan

Lead by Example

Educate the Public

Funding

Help Yourself First

Quality Plans

Community Consensus

Matching Funds

The Tool Kit

Comprehensive Plan
Capital Improvement
Plan

Design Guidelines

Incentives

....BUT FIRST THE RFP/ RFQ

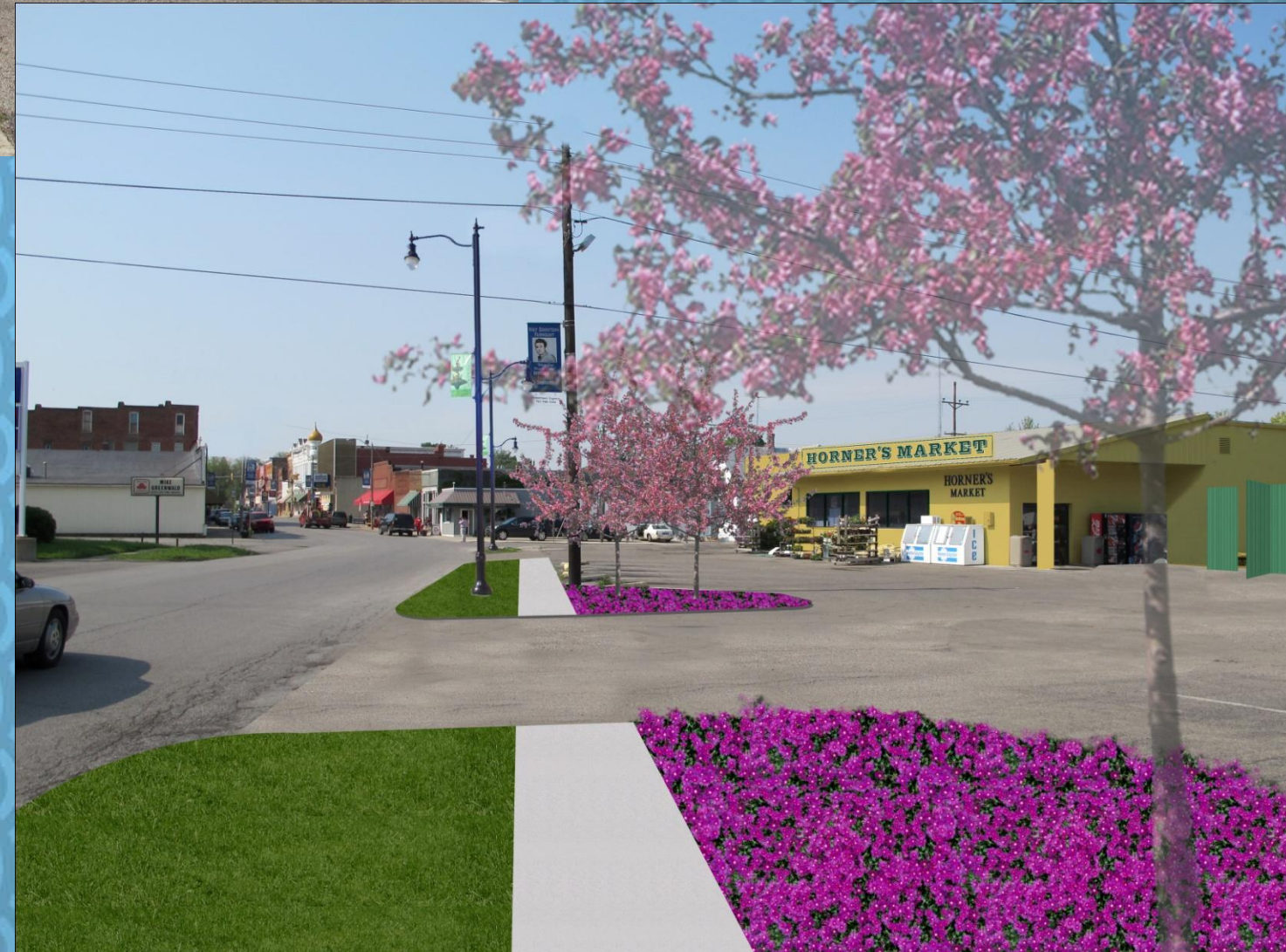
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Q&A

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